



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Wayne Dalton a Div. of Overhead Door Corporation
3395 Addison Drive
Pensacola, FL 32514

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Models 8024/8124 Code 1300 Steel Sectional Garage Door up to 9'-0" Wide with Optional Impact Resistant Glazing

APPROVAL DOCUMENT: Drawing No. 329928, titled "Models 8024/8124 Windload Specification Option Code 1300", sheets 1 through 4 of 4, dated 05/04/2007, prepared by the manufacturer, signed and sealed by Mark A. Sawicki, P.E., bearing the Miami-Dade County Product Control revision stamp with the NOA number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large & Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 12-0215.05 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



Handwritten signature and date: 02/11/2015

NOA No: 14-0825.11
Expiration Date: September 27, 2017
Approval Date: February 19, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS *"Submitted under NOA # 11-0411.04"*

1. Drawing No. **329928**, titled "Models 8024/8124 Windload Specification Option Code 1300", sheets 1 through 3 of 3, dated 05/04/2007, prepared by the manufacturer, signed and sealed by Mark A. Sawicki, P.E.

B. TESTS *"Submitted under NOA # 12-0215.05"*

1. Test report on Forced Entry Resistance Test, per FBC TAS 202-94 of a Series/Model 8024/8124 Garage Door, prepared by Architectural Testing, Inc, dated 12/13/2012, signed and sealed by Vinu J. Abraham, P.E.

"Submitted under NOA # 08-0304.02"

2. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Large Missile Impact Test, per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading Test, per FBC, TAS 203-94,
along with marked-up drawings, prepared by Certified Testing Laboratories, Inc., Test Report # **CTLA 1734W-2**, dated 11/09/2007, signed and sealed by Ramesh Patel, P.E.

"Submitted under NOA # 07-0803.10"

3. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Large Missile Impact Test, per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading Test, per FBC, TAS 203-94,
along with marked-up drawings, prepared by Certified Testing Laboratories, Inc., Test Report # **CTLA 1672W-3**, dated 05/21/2007, signed and sealed by Ramesh Patel, P.E.
4. Test report on Tensile Test per ASTM E8, dated 05/22/2007, prepared by Certified Testing Laboratories, Inc., Test Report # **CTLAW**, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS *"Submitted under NOA # 11-0411.04"*

1. Jambs anchoring calculations prepared by John E. Scates, Professional Engineer, dated 12/08/2010, signed and sealed by John E. Scates, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)


102/11/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 14-0825.11

Expiration Date: September 27, 2017
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E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12-0605.05**, issued to Bayer MaterialScience LLC (MA), for their Makrolon Polycarbonate Sheets, approved on 12/06/2012 and expiring on 08/27/2017.

F. STATEMENTS

1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Wayne Dalton a Div. of Overhead Door Corporation, dated 08/15/2014, signed and sealed by Mark A. Sawicki, P.E.
2. *"Submitted under NOA # 11-0411.04"*
Statement letter of code conformance to 2010 FBC and no financial interest, issued by John E. Scates, Professional Engineer, dated 10/28/2011, signed and sealed by John E. Scates, P.E.


02/11/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 14-0825.11
Expiration Date: September 27, 2017
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NOTES:

1. IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" MAKROLON-AR POLYCARBONATE OR EQUAL (MIAMI-DADE APPROVED). MAXIMUM GLAZING DIMENSIONS SHALL BE 18.56" x 12.26". SEE DETAIL A ON SHEET 3 FOR ASSEMBLY DETAILS.

2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

3. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.

4. SECTION STEEL TO HAVE A MINIMUM 24 GA THICKNESS WITH A MINIMUM G90 COATING AND A MINIMUM YIELD STRENGTH OF 33.8 KSI.

5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

6. WOOD SUBSTRATE FOR DOOR JAMB IS TO BE MINIMUM 2x6 NO. 3 SOUTHERN PINE RELATIVELY KNOT FREE. REFER TO SHEET 3 FOR ATTACHMENT TO SUPPORTING STRUCTURE. FOR DIRECT MOUNTING OF JAMB BRACKETS TO OTHER SUBSTRATES, SEE JAMB DETAIL SHEET 2. FOR MOUNTING OF CONTINUOUS WALL ANGLE, SEE CONTINUOUS WALL ANGLE DETAIL SHEET 3.

7. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.

8. LOUVERS MAY BE INSTALLED ON THE DOOR IF THE TOTAL AREA OF THE LOUVER DOES NOT EXCEED 60 SQUARE INCHES.

9. THIS DOOR HAS NOT BEEN TESTED FOR AIR INFILTRATION.

13 GA HORIZ ANGLE
13 GA FLAG ANGLE
16 GA MIN HORIZ TRACK
5/16x1-5/8" LAG SCREW (MIN 4 AS SHOWN)

15 GA MIN VERT TRACK

1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB-US JAMB BRACKET LOCATION

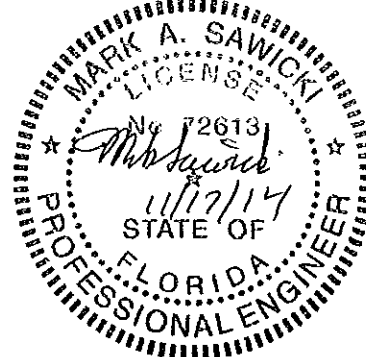
5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET

15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE

KEY LOCK OR SLIDE LOCK ONE END (NOT REQUIRED WITH OPERATOR - SEE NOTE 3). SLIDE LOCK SHOWN FOR CLARITY

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 3 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 THIS SHEET FOR GLAZING OPTIONS.

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TX PE 106291



JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
6'-6"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/4" (JB-US)
7'-0"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 52-1/2" (JB-US), 63-1/4" (JB-US)
7'-6"	5	8	2" (JB-US), 10" (JB-US), 18-3/4" (JB-US), 26-3/4" (JB-US), 36" (JB-US), 45" (JB-US), 54-1/4" (JB-US), 74-1/2" (JB-US)
8'-0"	5	8	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/2" (JB-US), 75-1/2" (JB-US)

NOTE:

(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

ALL DOORS WITH DECORATIVE OVERLAY REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SHEET 4 FOR DETAILS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0825-11
Expiration Date 07/27/2017

By *[Signature]*
Miami Dade Product Control

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	ALL	+184.0/-208.0
9'-0"	ALL	+207.0/-234.0

Wayne Dalton

3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES	SCALE: N.T.S.	SIZE: A
DESIGN (PSF):	+46.00/-52.00	MAX WIDTH: 9'-0"	DATE	NAME
TEST (PSF):	+69.00/-78.00	MAX HEIGHT: 14'-0"	DRAWN 2/22/07	GRT
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21"	CHECKED 5/4/07	MRB
MODEL 8024/8124			SHEET 1 OF 4	
WINDLOAD SPECIFICATION OPTION CODE 1300			DRAWING PART NO. 329928	REV. P4

13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS

ADD (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS (INSIDE OF EACH END HINGE)

2" NYLON WINDLOAD ROLLER WITH 4-1/2" STEM

14 GA WIDE BODY END HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS

18 GA NARROW BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS

14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW

20 GA CENTER STILE

DOOR

16 GA END STILE

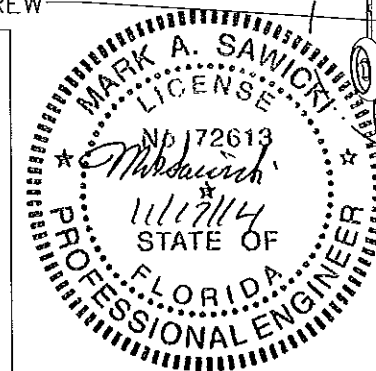
2 3/4" MIN EDGE DIST

3/8" SIMPSON TITEN HD, 2-3/4" MIN EMBED INTO MIN 2000 PSI CONCRETE FOR EACH JAMB BRACKET LOCATION

JAMB BRACKET
1/4-20x9/16" TRACK BOLT AND
1/4-20 HEX NUT
TRACK

CONCRETE MOUNTING DETAIL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0825.11
Expiration Date 09/27/2017
By *[Signature]*
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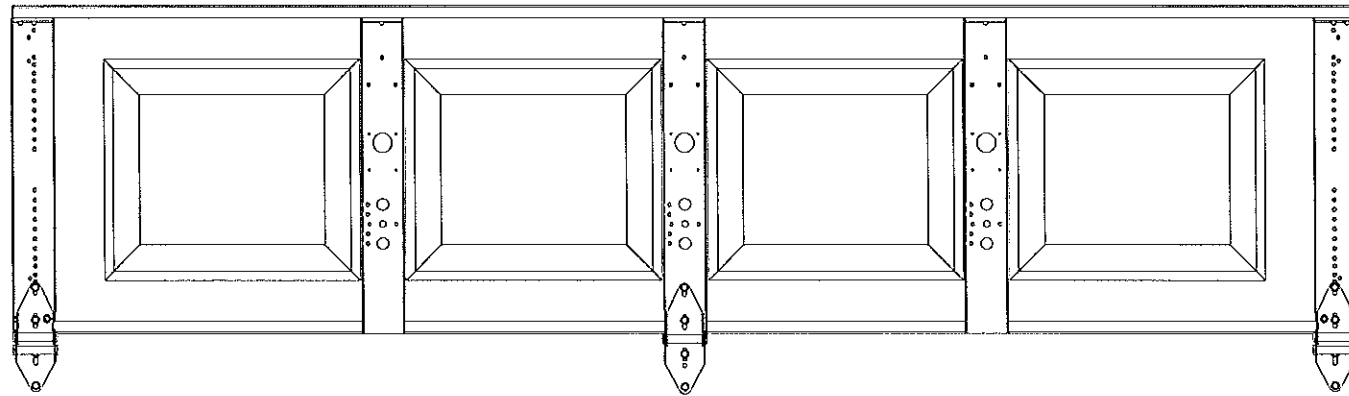


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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
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IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21"		CHECKED	5/4/07	MRB	
MODEL 8024/8124				SHEET 2 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 1300				DRAWING PART NO.		REV.	
				329928		P4	

CENTER STILE & INTERMEDIATE HINGE LOCATIONS



(16) #8x3/4" MIN
STAINLESS SCREWS WITH
STAINLESS BACKED
RUBBER WASHERS

1/8" BEAD GE
ULTRAGLAZE
SSG4000AC
STRUCTURAL
SEALANT OR
EQUIVALENT

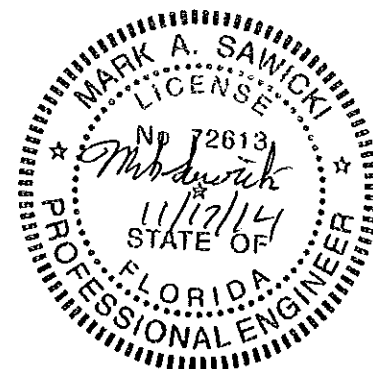
FACER STEEL

OPTIONAL
NON-STRUCTURAL
DECORATIVE INNER
WINDOW TRIM

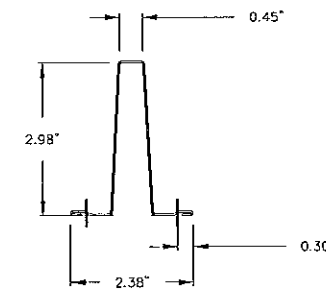
OPTIONAL NON-STRUCTURAL
DECORATIVE OUTER WINDOW
TRIM

1/4" POLYCARBONATE

P2 DETAIL A



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STRUT PROFILE P.3

ATTACH U-BARS WITH
(2) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS
AT ALL STILE LOCATIONS, TYP.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-0825/JJ
Expiration Date 04/27/2017
By *[Signature]*
Miami Dade Product Control

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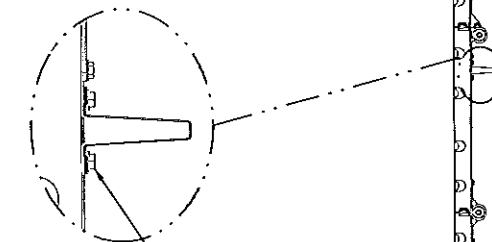
(8) SECTION DOORS WITH
(10) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(7) SECTION DOORS WITH
(9) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

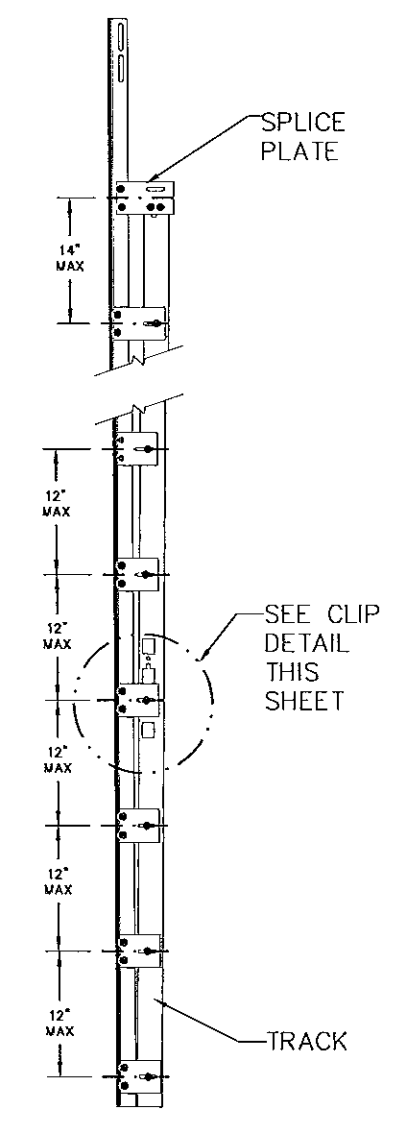
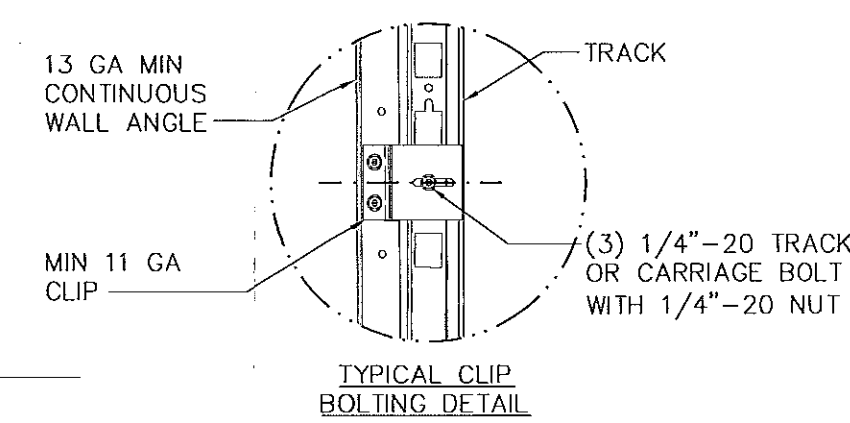
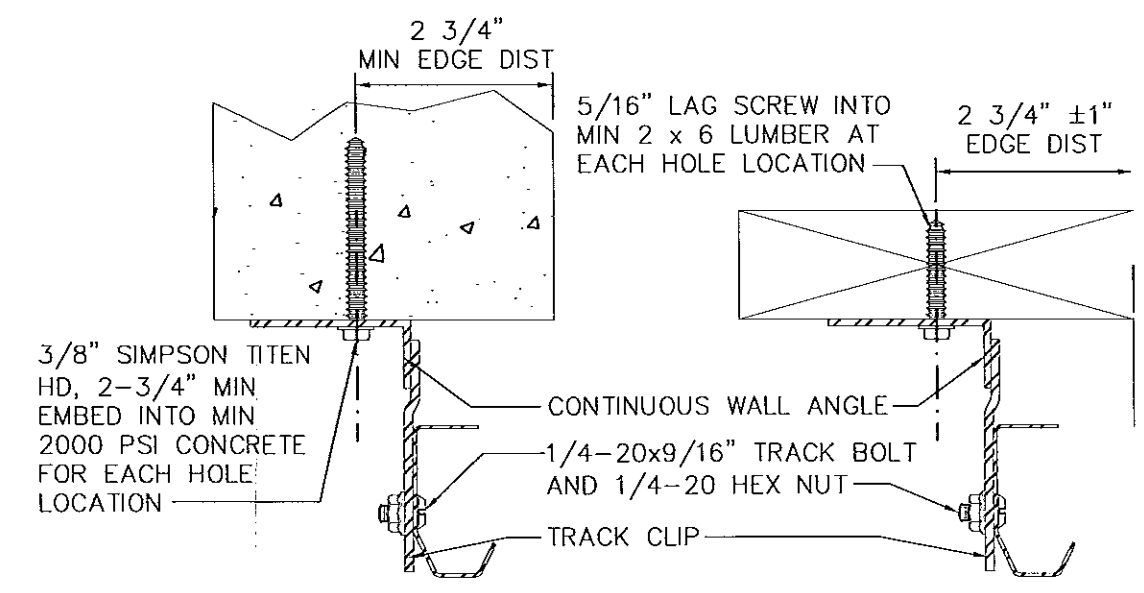
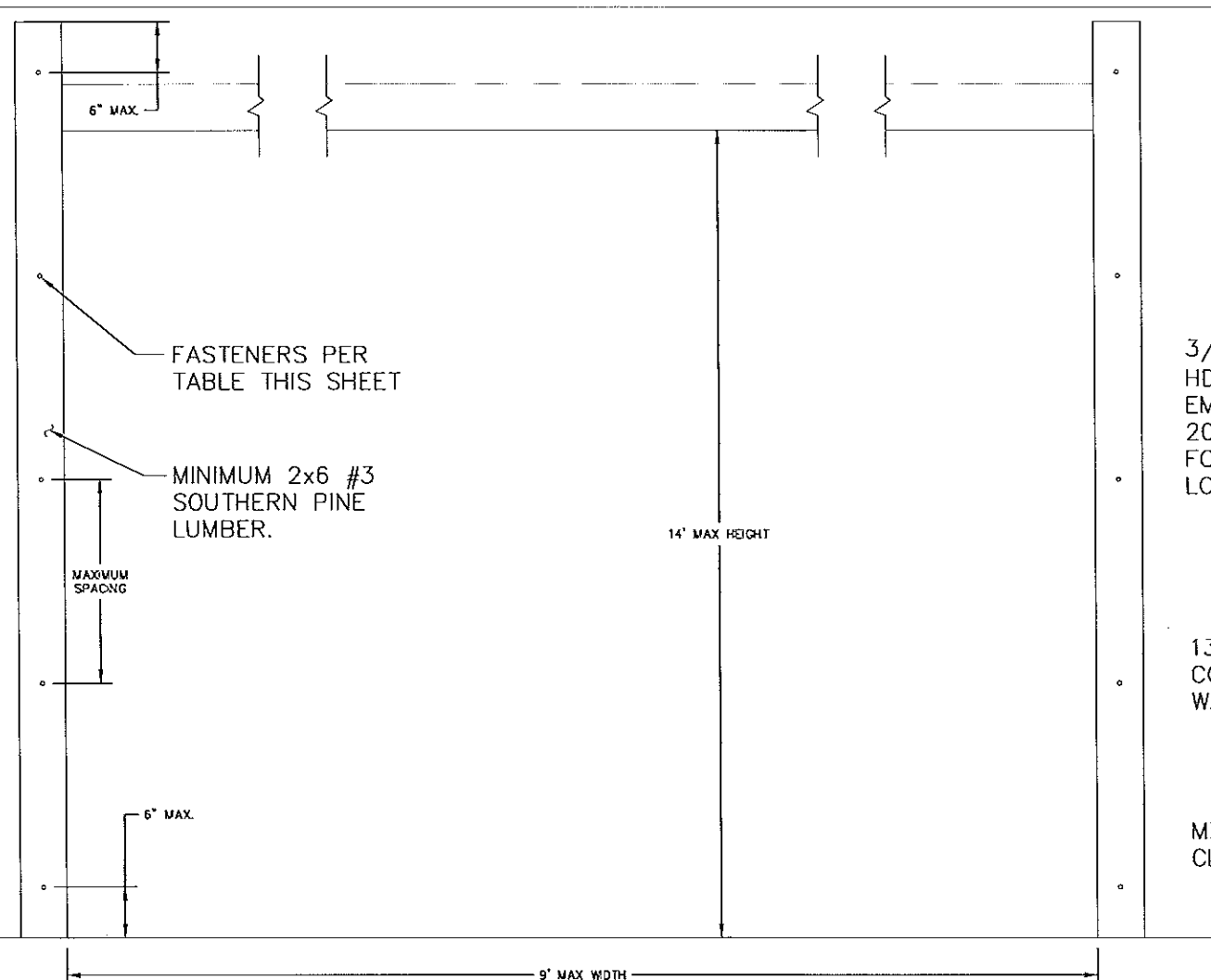
(6) SECTION DOORS WITH
(8) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(7) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN



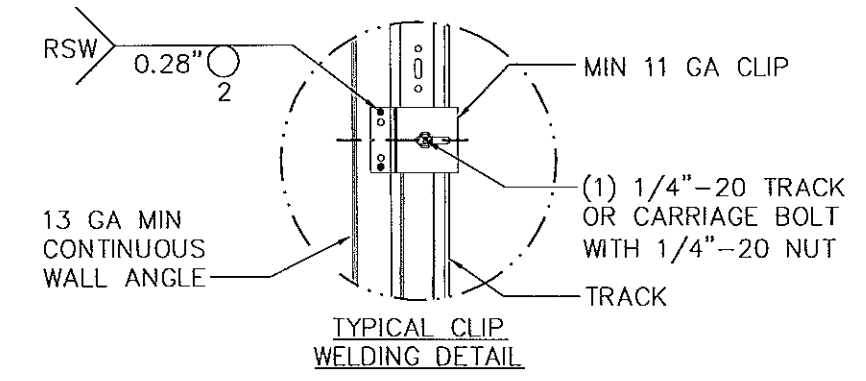
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IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	21'	CHECKED	5/4/07	MRB	
MODEL 8024/8124				SHEET 3 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 1300				DRAWING PART NO.		REV.	
				329928		P4	



1. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO CONCRETE WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4" AND A MINIMUM EDGE DISTANCE OF 2-3/4".
2. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO GROUT FILLED CMU WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4", A MINIMUM EDGE DISTANCE OF 4", AND A MINIMUM END DISTANCE OF 4". CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND GROUT SHALL CONFORM TO ASTM C476.
3. BASED ON 3/8" DIAMETER x 3" LONG LAG SCREWS WITH 1" O.D. WASHERS WITH A 1-9/32" THREAD PENETRATION INTO SEASONED DRY WOOD SUPPORTING STRUCTURE.
4. PROVIDE QUANTITY OF SCREW ANCHORS OR LAG SCREWS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) SCREW ANCHORS OR LAG SCREWS PER JAMB. SCREW ANCHORS OR LAG SCREWS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE JAMB.
5. LOAD PER JAMB CALCULATED TO BE A MAXIMUM OF +207.0/-234.0 LBS PER FOOT.
6. CHART INCLUDES A SAFETY FACTOR OF 4.
7. DOOR JAMB TO BE MINIMUM 2x6 NO. 3 SOUTHERN PINE LUMBER (MIN) MOUNTED DIRECTLY TO SUPPORT STRUCTURE.
8. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE LOADS LISTED IN NOTE 5.
9. SCREW ANCHORS OR LAG SCREWS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

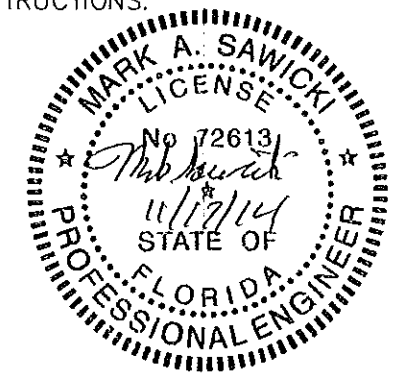
PRODUCT REVISED
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Building Code
Acceptance No. 14-0025-J1
Expiration Date 09/27/2017
By *[Signature]*
Miami Dade Product Control

CLIPS TO BE EITHER BOLTED OR WELDED. SEE DETAILS THIS PAGE.

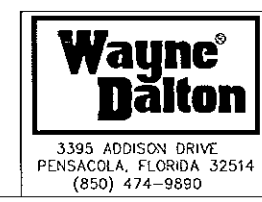


CONTINUOUS WALL ANGLE DETAILS

MAX SPACING OF ANCHORS/SCREWS PER JAMB (IN)		
3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI CONCRETE ^{NOTE 1}	3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI GROUT FILLED CMU ^{NOTE 2}	3/8" x 3" LONG LAG SCREW ^{NOTE 3}
24	24	24



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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
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MODEL 8024/8124				SHEET 4 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 1300				DRAWING PART NO.		REV.	
				329928		P4	